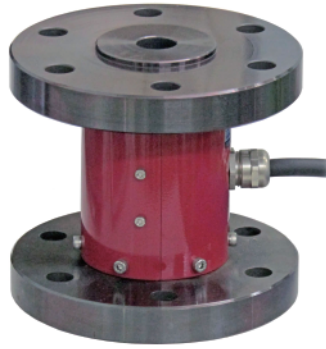


Non-rotating Torque Sensor

LTM

- Capacities : 100N·m...1kN·m
- Wide capacity range
- Custom made available



Model

Rated Capacity

LTM-

10KM	100N·m (10.2kgf·m)
50KM	500N·m (51kgf·m)
100KM	1kN·m (102kgf·m)

Specifications

Rated output (R.O.)	1mV/V
Rated output tolerance	±1%R.O.
Zero balance	±5%R.O.
Nonlinearity	±0.3%R.O.
Hysteresis	±0.3%R.O.
Repeatability	±0.2%R.O.
Temperature effect on zero	±0.01%R.O./°C
Temperature effect on output	±0.01%LOAD/°C
Temperature range, compensated	-10°C~+50°C
Temperature range, safe	-20°C~+60°C
Maximum safe overload	120%R.C.
Excitation, recommended	10V
Excitation, maximum	15V
Input impedance (approx.)	350Ω~400Ω
Output impedance (approx.)	350Ω±10Ω
Insulation resistance	>1000MΩ (B/E DC50V)
Cable type	φ9, 4-wire, PVC, braid shield
Cable length	3m
Construction	Alloy steel
Weight (approx.)	6.4kg

Cable color code

Item	Color
Excitation +	Red
Excitation -	White
Signal output +	Green
Signal output -	Black
Shield	Yellow

Outline dimensions (mm)

